

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

ADLER ET AL.

Serial Number: To be assigned      Group Art Unit: To be assigned

Filed: Concurrently herewith      Examiner: To be assigned

For: NOVEL BRACHYSPIRA HYODYSENTERIAE VACCINE

Corresponding to: PCT/EP2003/007611 filed July 11, 2003

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Honorable Assistant Commissioner of Patents  
Alexandria, VA 22313

January 18, 2005

Sir:

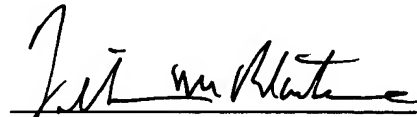
The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-SB-08B. These references were cited in the parent case Search Report for the corresponding European application. Copies of the cited references are enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

The Patent Office is authorized to charge our Deposit Account No. 02-2334 for any fee that it deems to be required to effect consideration of this statement.

Respectfully submitted,



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	To Be Assigned
Filing Date	January 18, 2005
First Named Inventor	ADLER, Ben et al
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	I-2002.011 US

Sheet 1

of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		B.J. LEE ET AL.: "Identification of the gene encoding BmpB, a 30 kDa outer envelope lipoprotein..." Veterinary Microbiology (2000) pp245-257 V76	
		R. DIEGO ET AL.: "Serpulina hyodysenteriae challenge of fattening pigs vaccinated with an adjuvanted bivalent..." Vaccine (1995) pp663-667, V13, N7 Butterworth Scientific, GB,	
		D. J. TROTT ET AL.: "The search for Brachyspria outer membrane proteins that interact with the host" Animal Health Reviews (06/2001) pp19-30, V2 N1	
		M.J. WANNEMUEHLER ET AL.: "Characterization of the major outer membrane antigens of Treponema hyodysenteriae" (12/1998) pp3032-3039, V56, N12	
		S.N. CHATFIELD ET AL.: "Identification of the major antigens of Treponema hyodysenteriae and Comparison..." Infection and Immunity (05/1998) pp1070-1075, V56, N5	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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